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C O U N S E L O R S A T L A W

SEND TO

Name: V. Bertoglio Firm: U.S. Patent Office
FAX #: 571-273-0725 Telephone #: 571-272-0725

FROM

Name: Sally P. Teng Floor:
Operator Sending: Telephone #: 202.739.5734
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COMMENTS

RE: U.S. Patent Application 10/089,454

Dear Examiner Bertoglio,

Please see the attached letter for our scheduled phone interview on Tuesday, March 17, 2009.

As the attached is for discussion only, please do not enter the proposed amendment.

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March 13, 2009

VIA FACSIMILE

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FOR DISCUSSION PURPOSES ONLY

PROPOSED AMENDMENT ONLY
DO NOT ENTER

Examiner Bertoglio
U.S. Patent Office

Re: U.S. Patent Application No: 10/089,454


Dear Examiner Bertoglio,

Prior to our scheduled phone conference for Tuesday, March 17, 2009, we submit below a proposed amendment for discussion purposes only.

Claim 13 (currently amended): A method for reconstituting a non-human mammalian embryo in vitro, wherein said method consists of:
(i) treating a diploid nucleus of a somatic donor cell, said treatment consisting of:
a) controlled proteolysis of nuclear non-histone proteins and surrounding cytoskeleton proteins of the nucleus, wherein said controlled proteolysis must not cause lysis of the nucleus; and
b) induction of an isomorphic swelling of said treated nucleus by treatment with a polyanion;
(ii) transferring said treated nucleus into the cytoplasm of a recipient oocyte during metaphase II or interphase, ~~thereby reconstituting a non-human mammalian embryo~~; and
(iii) activating the ~~reconstituted embryo of step (ii)~~ treated nucleus if said when the recipient oocyte is in metaphase, thereby reconstituting an embryo;
wherein said reconstituted embryo undergoes cell division directed by said treated nucleus.

We look forward to discussing this with you on Tuesday. If you have any questions in the interim, please do not hesitate to contact us.

Sincerely,


Sally P. Teng, Ph.D.
Reg. No. 45,397

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